

Power Safety and Working at Heights: Essential Training for Telecommunications and Field Workers



Working in telecommunications, construction, utilities or other field-based industries often means dealing with challenging environments. Workers may need to climb poles, access elevated structures, work around telecommunications infrastructure or perform tasks near electrical apparatus.

In these situations, technical skills alone are not enough. **Safety awareness, hazard identification and practical training** are essential.

That is why [power safety training](#) and **work safely at heights training** are important for workers who need to perform telecommunications and field-work activities safely.

At **Milcom Institute**, the **Power Awareness + Work Safely at Heights** course combines key safety competencies into one practical training pathway. The course is designed for people entering the telecommunications industry as well as existing workers who need to develop or formalise their power-awareness and electrical-safety competencies.

Why Are Power Safety and Height Safety Skills So Important?

Telecommunications and infrastructure work can involve multiple hazards at the same time.

A technician may be working at height while also operating near electrical infrastructure, using ladders or poles, handling equipment and dealing with changing weather conditions.

Some common hazards include:

- Falls from elevated locations
- Electrical hazards
- Overhead power infrastructure
- Unstable ladders or work surfaces
- Falling tools and equipment
- Poor weather conditions
- Incorrect use of safety equipment
- Fatigue and reduced concentration
- Emergency situations at difficult-to-access locations

Understanding these hazards before starting work can help workers make safer decisions.

The aim of effective safety training is not simply to provide theoretical information. It is to help workers understand how to **identify hazards, assess risks and apply appropriate controls** in real workplace situations.

What Is Power Safety Training?

Power safety training helps workers understand how to work safely around electrical hazards and power infrastructure relevant to their role.

For telecommunications workers, this can be particularly important because telecommunications infrastructure can exist alongside electricity supply structures.

Milcom Institute's course develops skills and knowledge for working in the vicinity of live electrical apparatus while performing telecommunications cabling activities. The training covers safe work practices, relevant WHS/OHS requirements, risk assessment and electrical hazard awareness.

Participants learn how to:

- Identify electrical hazards
- Recognise electricity supply structures and components
- Assess workplace risks
- Apply appropriate control measures
- Follow safe work practices
- Understand relevant WHS/OHS requirements
- Respond appropriately to electrical incidents and emergencies

This knowledge can be valuable for telecommunications technicians and other workers who may encounter power infrastructure during field work.

What Is Work Safely at Heights Training?

[Work safely at heights training](#) provides workers with knowledge and skills for performing tasks where there is a risk of falling from an elevated position.

Working at heights can involve more than simply climbing a ladder.

Depending on the job, workers may access:

- Telecommunications poles
- Towers
- Rooftops
- Elevated platforms
- Structures
- Ladders
- Other elevated work areas

The **RIIWH5204E Work safely at Heights** unit included in Milcom Institute's combined course provides training relevant to safely performing work at height.

Workers need to understand the hazards associated with elevated work and follow appropriate workplace procedures, equipment requirements and risk controls.

Why Combine Power Awareness and Working at Heights?

For many telecommunications and field workers, power hazards and height-related hazards can occur during the same job.

For example, a telecommunications technician working on a pole may need to consider:

Height → Electrical infrastructure → Equipment → Weather → Emergency response

Training in both areas can therefore provide a more complete safety-focused learning pathway.

Milcom Institute combines power awareness and working-at-heights competencies into a single course designed around the needs of telecommunications and field workers.

This can make the training pathway particularly relevant for people who expect to work on or around telecommunications infrastructure.

What Do You Learn in the Power Awareness + Work Safely at Heights Course?

The Milcom Institute course includes **9 units**, covering nationally recognised and additional non-accredited training components. These include:

- **HLTAID009** – Perform CPR
- **UETDRMP017** – Perform Pole Top Rescue
- **UETDRMP010** – Provide first aid in an ESI environment
- **RIIWH5204E** – Work safely at heights
- **UETDREL006** – Work safely near live electrical apparatus as a non-electrical worker

Milcom notes that **HLTAID009 Provide CPR is a prerequisite to UETDRMP010 and UETDRMP017**, and the delivery sequence for these units cannot be changed.

Who Should Consider This Course?

The course can be suitable for people who are beginning a career in telecommunications as well as workers looking to formalise or update their safety competencies.

Potential participants may include:

- Telecommunications technicians
- NBN technicians
- Construction workers
- Field technicians
- Infrastructure workers
- Workers involved with telecommunications cabling
- Workers who may operate near power infrastructure
- People preparing for telecommunications field work

Milcom Institute lists telecommunications technician, construction worker and NBN technician among potential career outcomes associated with the course.

What Makes Practical Safety Training Valuable?

Safety procedures are easier to understand when workers can connect knowledge with practical workplace situations.

A good training program should encourage participants to think about:

What is the hazard?

What could happen?

How can the risk be controlled?

What equipment or procedure is required?

What should I do if conditions change?

This type of safety mindset can help workers approach each job with greater awareness rather than relying solely on previous experience.

Milcom Institute provides face-to-face hands-on training as well as a blended option, where the theory component is completed online through the LMS and practical assessment is attended in person.

What Are the Benefits of Completing a Work Safely at Heights Course?

Completing an appropriate [work safely at heights](#) course can help participants develop knowledge around:

- Identifying height-related hazards
- Understanding safe work procedures
- Recognising fall risks
- Using relevant safety equipment appropriately
- Understanding workplace risk controls
- Responding to emergencies
- Applying safety knowledge in practical situations

However, training is only one part of workplace safety. Workers must also follow their employer's procedures, site requirements, risk assessments and applicable Australian workplace health and safety requirements.

Power Safety + Height Safety: A Smarter Approach to Field Work

Imagine arriving at a telecommunications worksite.

Before starting, you look around.

Is there power infrastructure nearby?

Is the ladder suitable?

What is the condition of the work area?

What are the weather conditions?

What equipment is required?

What happens if an emergency occurs?

This type of thinking is at the heart of workplace safety.

Rather than treating safety as something that happens after a problem occurs, workers can make safety part of the planning process.

Identify the hazard. Assess the risk. Apply controls. Check your equipment. Communicate. Then work safely.

Why Choose Milcom Institute for Safety Training?

Milcom Institute (RTO 6859) provides nationally recognised training and practical technical education for telecommunications and related industries.

The Power Awareness + Work Safely at Heights course offers a combined pathway covering power-awareness, electrical safety, height safety, pole-top rescue, first aid, CPR and telecommunications workplace safety competencies.

The current course page lists **face-to-face and blended learning options**, with training delivered over up to two days depending on the delivery method and learner experience.

Frequently Asked Questions

1. What is power safety training?

Power safety training develops knowledge and skills for recognising and managing electrical and power-related hazards relevant to a worker's role. For telecommunications workers, this can include working safely near live electrical apparatus and power infrastructure.

2. What is work safely at heights training?

Work safely at heights training teaches workers the knowledge and skills needed to perform tasks safely where there is a risk of falling from an elevated position. Milcom's combined course includes the nationally recognised **RIIWH5204E Work safely at heights** unit.

3. Who should complete a work safely at heights course?

It may be relevant to workers whose duties involve elevated work, including telecommunications technicians, construction workers, infrastructure workers and other field-based personnel. Specific training requirements depend on the job and workplace.

4. Is the Milcom Power Awareness + Work Safely at Heights course nationally recognised?

Milcom identifies the course as nationally recognised training and states that successful participants receive a Statement of Attainment in accordance with the Australian Qualifications Framework and Standards for Registered Training Organisations.

5. How long is the course?

Milcom currently lists the combined course as **up to two days**, with face-to-face and blended learning options available.

6. What is the current course fee?

Milcom's course page currently lists the blended option from **\$625 AUD** and face-to-face training at **\$650 AUD**, subject to the scheduled class and current pricing.

7. Is there an entry requirement?

The current Milcom course page lists **Nil** under entry requirements. However, participants should check the prerequisite sequence for the included units, particularly the CPR requirement associated with first aid in an ESI environment and pole-top rescue.

8. Can telecommunications technicians benefit from this training?

Yes. The course is specifically designed around telecommunications workplace safety, including working near power infrastructure and performing telecommunications cabling activities.

9. Does the course include practical training?

Yes. Milcom lists face-to-face, hands-on training. Its blended learning option combines online theory through the LMS with attendance for practical assessment.

Build a Safer Foundation for Your Telecommunications Career

Working in telecommunications and infrastructure requires more than knowing how to install cables or equipment. Workers also need to understand the environment in which they are working.

Power infrastructure, elevated work areas, ladders, poles, equipment and changing site conditions can create different risks.

That's why developing the right safety knowledge before entering the field can be valuable.

If you're looking for **power safety training**, **work safely at heights training**, or a practical **work safely at heights course** that combines multiple telecommunications safety competencies, Milcom Institute's Power Awareness + Work Safely at Heights program provides a dedicated training pathway.

Learn the hazards. Understand the controls. Build practical safety skills. Prepare for safer field work with Milcom Institute.